Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-24 (Canceled).

Claim 25. (currently amended) An environmentally friendly building insulating material which does not contain substances which are harmful or irritating to people and which does not release harmful substances of dust, consisting essentially of

fabric remnants which have been shredded into a shoddy and then mixed with flax fibers and a fibrous polyester with a low melting point to form an aerated homogeneous mass, and then molded to shape and heat-treated until the polyester fibers melt, bonding the fabric and flax fibers together,

wherein the polyester has a dtex value in the range of 2-10 and is present in an amount in the range of 5-50% by weight based on the material's total weight.

26. (currently amended) An insulating material according to claim 25, wherein the polyester in fibrous form has a melting point in the range 100-300°C~~, and a dtex value in the range 2-10~~.

27. (canceled)

28. (currently amended) An insulating material according to claim 25 ~~or 27~~ wherein the flax fibers are present in the range of 5-50 percent by weight based on the material's total weight.

29. (currently amended) An insulating material according to claims 25 or ~~27~~ 28 wherein the shoddy mass further comprises recycled cardboard and/or wastepaper which is shredded into fibers, said recycled cardboard and/or wastepaper being present in an amount up to 40% by weight.

30. (currently amended) An insulating material according to claim 25 or 28 wherein said shape is a mat shape with a length of 120 m, a width within 0.58 - 1.00 m and thickness within 5-15 cm.

31. (currently amended) The insulating material of claim ~~27~~ 25 or 28 wherein the fibrous polyester has a melting point of 100-200°C and a dtex value of 2.5-6, said polyester being present in an amount of 10-30% by weight, and wherein said flax fibers are present in an amount of 15-40% by weight.

32. (previously presented) The insulating material of claim 30 wherein the fibrous polyester has a melting point of 120-170°C and a dtex value of 3-5, said polyester being present

in an amount of 15-20% by weight, wherein said flax fibers are present in an amount of 20-30% by weight, wherein the mat has a heat conductivity of about 0.036 - 0.037 W/mK.